



Answer the following questions:

- 1- What are the main types of **Structural Systems**?
- 2- What are the conditions and reasons that govern choosing the structural system?
- 3- Draw (just sketch) the sec. elevation and plan for all possible structural systems?
- 4- What's the most suitable structural systems in Egypt according to:
 - Cost
 - Time of construction
 - Team workers
 - Architecture requirements
 - Materials
- 5- What's the most suitable location of **Columns** and **Beams**?
- 6- For the following **Architecture Plan** :
 - a) Draw it by AutoCAD 2017
 - b) Choose the suitable Structural system
 - c) Print your drawing on A3 as minimum

